

Amendments to the Specification

Please replace the last full paragraph on page 9 of the specification with the following re-written paragraph:

The present invention is therefore not only directed to the method for using the images but also to a specific designed magnetic resonance imaging system, as defined in independent claim 10; and a computer programme as defined, as in independent claims 15 and 18; for the execution of the above described method.

Please replace the last paragraph to begin on page 9 of the specification with the following re-written paragraph:

The computer programme is stored on a computer usable medium and is designed to use magnetic resonance images and to cause the execution of the different steps of the above mentioned method. The computer programme as defined in claim 15 is particularly advantageously employed in a magnetic resonance imaging system which generates a magnetic field with a magnetic center (isocenter), as origin for locating anatomical targets in a patient, e.g. for radiotherapy. At least one fiducial marker is applied to the body of the patient at a distance from the isocenter.

Please replace the first full paragraph on page 10 of the specification with the following re-written paragraph:

It is further noted that the method according to the present invention can also be used on a workstation or a radiotherapy planning system remote from the magnetic resonance imaging system, so that the radiotherapy treatment planning can be executed, for example, in a different room, or a different hospital department, or even a different hospital. A workstation or a radiotherapy planning system according to the invention is defined in independent claim 12.